

**From:** Jack Nugent <jackandvirginia9@gmail.com>  
**Sent:** Monday, October 10, 2022 8:35 PM  
**To:** DES SBCC  
**Subject:** Ban natural gas hook ups in residential homes.

External Email

Attention, State Building Code Council Chair,

I want you to ban natural gas hook ups on all residential homes and multifamily structures.

To combat climate change, the International Governmental Panel on Climate Change report says, "Greenhouses gases must peak by 2025 and reduce by 43% by 2030. We must limit global warming to 1.5 degree Celsius if we are to avert a climate disaster." Right now if we continue on as usual we are heading for a 3- degree Celsius increase. The climate change we are experiencing today will become much much worse. We will see hotter and more frequent extreme heat waves, stronger and more frequent storms, continued drought, forest fires, floods, coastal homes swallowed up by a rising ocean, mass migration of people trying to find a new place to live, dying of the coral reefs, glaciers melting, water shortages, rivers drying up, and many plant and animal species will be facing extinction. Is this the world we want for our children and future generations?

In order to reach the Paris agreement goal of 1.5- degree Celsius increase, it will take leaders like you and others all over the world to take quick action to cut CO2 emissions. Debra Roberts, co-chair of the IPCC working Group II Report, says, "We have to act, we need a whole society approach, no one can be left out, no household, no business, no government."

To achieve the Paris goal we must wean ourselves off of fossil fuels as quickly as possible.

There are many reasons why we need to stop using natural gas:

1. Burning fossil fuels causes climate change.
2. Extracting and transporting natural gas is harmful to the environment. The pipes leak methane. The fracturing process uses a lot of water and chemicals polluting the groundwater for nearby residents. Sometimes small tremors occur.
3. Natural gas is dangerous, it explodes.
4. Research shows that gas stoves leak methane and cancer-causing benzene. even when the stove is not on. Methane is much more harmful to the climate than CO2 and it is not healthy to breathe. Any methane is too much methane, as it can warm the climate more than 80 times in a few decades compared to CO2. As such it is the second-biggest contributor to climate change. Climate advocates now argue that natural gas systems are simply too leaky and dangerous for climate health to continue using.
5. In addition, gas stoves release Nitrogen Oxides (NOx), a wicked combination of nitric oxide and nitrogen oxide which have direct and indirect effects on human health. This is the same pollutant released by combustion engines. NOx can cause breathing and lung problems, headaches, eye irritation, loss of appetite and even corroded teeth. Indirectly, it can damage the ecosystem that both humans and animals rely on in water and on land.
6. Children who live in homes with gas stove experience more respiratory problems and increased frequency of childhood asthma.

I know you are experiencing strong opposition from the natural gas and building industry. They are only concerned about their profits. We cannot let these short -sighted selfish people destroy the world for our children. They will argue that all electric homes will raise the cost of a home. We need to think of our children instead of putting ourselves first.

I urge you to ban natural gas hookups for residential homes and multi-family structures.  
Remember what Debra Roberts said. We need everyone, especially leaders like you to join the fight to combat climate change.

To do anything less would be a human tragedy for the most innocent and vulnerable in our world.

Virginia Nugent

2600 NE 142nd St.

Vancouver WA 98686

360-573-1672

[jackandvirginia@gmail.com](mailto:jackandvirginia@gmail.com)